

ABSTRACT OF THE DISCLOSURE

In a material bond for a composite product composed of a fiber-reinforced material and a further material, such as an anode for an x-ray tube, wherein the fibers of the fiber-reinforced material exhibit a preferred orientation, and wherein the magnitude of the coefficient of thermal expansion of the fiber-reinforced material is direction dependent and depends on the preferred orientation of the fibers, the preferred orientation of the fibers is aligned, at least in a boundary region between the fiber-reinforced material and the further material, such that the coefficient of thermal expansion of the fiber-reinforced material and the coefficient thermal expansion of the further material are approximately equal along this boundary region, in which the bond is formed.

CH1\ 4083450.1